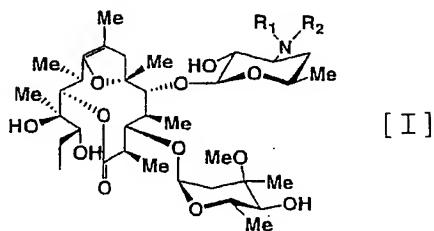


AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claim 1. (currently amended) A pseudoerythromycin derivative represented by the general formula [I],



wherein R₁ and R₂ are same or different and each represents H, alkyl, alkynyl, acyl, or sulfonyl, R₁ is selected from the group consisting of H, alkyl, alkynyl, acyl, or sulfonyl;

R₂ is selected from the group consisting of H, alkyl, alkynyl, acyl, or sulfonyl;

Me indicates methyl; and excluding compounds wherein each of R₁ and R₂ are independently H, methyl, ethyl, or propyl are excluded.

Claim 2. (canceled).

Claim 3. (original): A compound according to claim 1 which is de(3'-N-methyl)-3'-N-sulfonyl-8, 9-anhydro-pseudoerythromycin A 6, 9-hemiketal or salt thereof.

Claim 4. (original): A compound according to claim 1 which is de(3'-N-methyl)-[3'-N-(3-hydroxy-1-propyl)]-8, 9-anhydro-pseudoerythromycin A 6, 9-hemiketal or salt thereof.

Claim 5. (original): A compound according to claim 1 which is de(3'-N-methyl)-3'-N-(2-acetoxyethyl)-8, 9-anhydro-pseudoerythromycin A 6, 9-hemiketal or salt thereof.

Claim 6. (original): A compound according to claim 1 which is de(3'-N-methyl)-3'-N-cyanomethyl-8, 9-anhydro-pseudoerythromycin A 6, 9-hemiketal or salt thereof.

Claim 7. (original): A compound according to claim 1 which is de(3'-N-methyl)-3'-N-(2-fluoroethyl)-8, 9-anhydro-pseudoerythromycin A 6, 9-hemiketal or salt thereof.

Claims 8-10. (canceled).

Claim 11. (original): A compound according to claim 1 which is bis-de(3'-N-methyl)-3'-N-allyl-8, 9-anhydro-pseudoerythromycin A 6, 9-hemiketal or salt thereof.

Claim 12. (original): A compound according to claim 1 which is bis-de(3'-N-methyl)-3', 3'-N, N-diallyl-8, 9-anhydro-pseudoerythromycin A 6, 9-hemiketal or salt thereof.

Claim 13. (original): A compound according to claim 1 which is bis-de(3'-N-methyl)-3'-N-propargyl-8, 9-anhydro-pseudoerythromycin A 6, 9-hemiketal or salt thereof.

Claim 14. (original): A compound according to claim 1 which is bis-de(3'-N-methyl)-3', 3'-N, N-dipropargyl-8, 9-anhydro-pseudoerythromycin A 6, 9-hemiketal or salt thereof.

Claims 15-16. (canceled).

Claim 17. (original): A compound according to claim 1 which is bis-de(3'-N-methyl)-3'-N-hexyl-8, 9-anhydro-pseudoerythromycin A 6, 9-hemiketal or salt thereof.

Claim 18. (original): A compound according to claim 1 which is bis-de(3'-N-methyl)-3', 3'-N, N-dihexyl-8, 9-anhydro-pseudoerythromycin A 6, 9-hemiketal or salt thereof.

Claim 19. (original): A compound according to claim 1 which is bis-de(3'-N-methyl)-3'-N-benzyl-8, 9-anhydro-pseudoerythromycin A 6, 9-hemiketal or salt thereof.

Claim 20. (original): A compound according to claim 1 which is bis-de(3'-N-methyl)-3', 3'-N, N-dibenzyl-8, 9-anhydro-pseudoerythromycin A 6, 9-hemiketal or salt thereof.

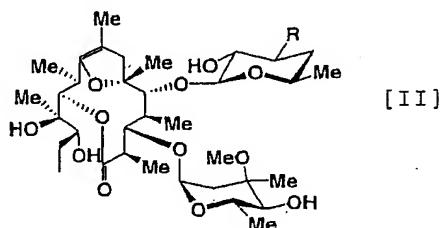
Claim 21. (canceled)

Claim 22. (original): A compound according to claim 1 which is bis-de(3'-N-methyl)-3', 3'-N, N-di-(10-bromo-1-decanyl)-8, 9-anhydro-pseudoerythromycin A 6, 9-hemiketal or salt thereof.

Claim 23. (original): A compound according to claim 1 which is bis-de(3'-N-methyl)-3'-N-acetyl-8, 9-anhydro-pseudoerythromycin A 6, 9-hemiketal or salt thereof.

Claims 24-26. (canceled).

Claim 27. (currently amended): A pseudoerythromycin derivative represented by the formula [II],



wherein R is a heterocyclic group containing N in a ring having 4 to 6 carbon atoms with a N bound within said ring, and Me indicates methyl.

Claim 28. (original): A compound according to claim 27 which is de(3'-dimethylamino)-3'-piperidino-8, 9-anhydro-pseudoerythromycin A 6, 9-hemiketal or salt thereof.

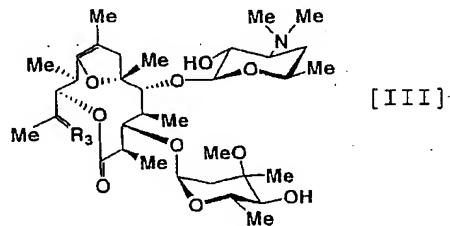
Claim 29. (original): A compound according to claim 27 which is de(3'-dimethylamino)-3'-pyrrolidino-8, 9-anhydro-pseudoerythromycin A 6, 9-hemiketal or salt thereof.

Claim 30. (original): A compound according to claim 27 which is de(3'-dimethylamino)-3'-morpholino-8, 9-anhydro-pseudoerythromycin A 6, 9-hemiketal or salt thereof.

Claim 31. (original): A compound according to claim 27 which is de(3'-dimethylamino)-3'-(hexahydro-1(1H)-azepinyl)-8, 9-anhydro-pseudoerythromycin A 6, 9-hemiketal or salt thereof.

Claims 32-34. (canceled)

Claim 35. (previously presented): A pseudoerythromycin derivative represented by the formula [III],

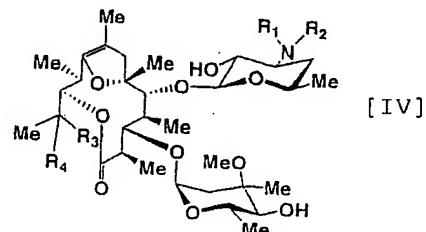


wherein R_3 is NOH , and Me indicates methyl.

Claim 36. (original): A compound according to claim 35 which is de(12-hydroxy)-de[12-(1-hydroxypropyl)]-12-hydroxyoxime-8, 9-anhydro-pseudoerythromycin A 6, 9-hemiketal or salt thereof.

Claims 37-39. (canceled).

Claim 40. (previously presented): A pseudoerythromycin derivative represented by the formula [IV],



wherein R₁ and R₂ are same or different and each represents H or methyl, R₃ and R₄ represent H, hydroxyl or amino, and Me indicates methyl.

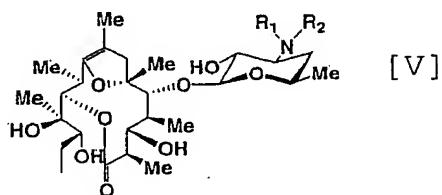
Claim 41. (original): A compound according to claim 40 which is de[12-(1-hydroxypropyl)]-8, 9-anhydro-pseudoerythromycin A 6, 9-hemiketal or salt thereof.

Claim 42. (original): A compound according to claim 40 which is de(12-hydroxy)-de[12-(1-hydroxypropyl)]-12-amino-8, 9-anhydro-pseudoerythromycin A 6, 9-hemiketal or salt thereof.

Claim 43. (original): A compound according to claim 40 which is de(3'-N-methyl)-de [12-(1-hydroxypropyl)]-8, 9-anhydro-pseudoerythromycin A 6, 9-hemiketal or salt thereof.

Claims 44-46. (canceled).

Claim 47. (previously presented): A pseudoerythromycin derivative represented by the formula [V],



wherein R_1 and R_2 are same or different and each represents H or methyl, and Me indicates methyl.

Claim 48. (original): A compound according to claim 47 which is de(3-O-cladinosyl)-8, 9-anhydro-pseudoerythromycin A 6, 9-hemiketal or salt thereof.

Claim 49. (original): A compound according to claim 47 which is de(3-O-cladinosyl)-de(3'-N-methyl)-8, 9-anhydro-pseudoerythromycin A 6, 9-hemiketal or salt thereof.

Claims 50-53. (canceled).